

L Number	Hits	Search Text	DB	Time stamp
13	2934	green adj tea	USPAT; EPO; JPO; DERWENT	2001/12/05 11:03
14	472	(green adj tea) same (green adj tea near extract)	USPAT; EPO; JPO; DERWENT	2001/12/05 11:04
15	472	green adj tea near extract	USPAT; EPO; JPO; DERWENT	2001/12/05 11:04
16	16	(green adj tea near extract) and chromium	USPAT; EPO; JPO; DERWENT	2001/12/05 11:05
17	0	((green adj tea near extract) and chromium) and hydroxytryptophan and methylbutyrate	USPAT; EPO; JPO; DERWENT	2001/12/05 11:22
18	55	"5htp"	USPAT; EPO; JPO; DERWENT	2001/12/05 11:22
19	239	hmb	USPAT; EPO; JPO; DERWENT	2001/12/05 11:22
20	0	"5htp" same hmb	USPAT; EPO; JPO; DERWENT	2001/12/05 11:23
21	0	"5htp" and hmb	USPAT; EPO; JPO; DERWENT	2001/12/05 11:23
22	1054	\$methylbutyrate	USPAT; EPO; JPO; DERWENT	2001/12/05 11:23
23	548	\$hydroxytryptophan	USPAT; EPO; JPO; DERWENT	2001/12/05 11:23
24	0	\$methylbutyrate same \$hydroxytryptophan	USPAT; EPO; JPO; DERWENT	2001/12/05 11:23
25	0	\$methylbutyrate and \$hydroxytryptophan	USPAT; EPO; JPO; DERWENT	2001/12/05 11:24

2017年12月15日 星期五
 2017年12月15日 星期五

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WELCOME TO PTN INTERNATIONAL! ENTER xxx  
1. FINITE ELEMENT ANALYSIS;  
EASER K1:  
TERMINAL ENTER 1, /, /, /, K1:
```

NEWS	1		Web Page URLs for STN Seminar Schedule - N. America
NEWS	2	Dec 17	The CA Lexicon available in the CAPLUS and CA files
NEWS	3	Feb 16	Engineering Information Encompass files have new names
NEWS	4	Feb 16	TOXLINE no longer being updated
NEWS	5	Apr 23	Search Derwent WPIINDEX by chemical structure
NEWS	6	Apr 23	FRB-1967 REFERENCES NOW SEARCHABLE IN CAPLUS AND CA
NEWS	7	May 27	DGENE Reload
NEWS	8	Jun 20	Published patent applications (AI) are now in USPATFULL
NEWS	9	JUL 13	New SDI alert frequency now available in Derwent's DWPI and BPOI
NEWS	10	Aug 23	In-process records and more frequent updates now in MEDLINE
NEWS	11	Aug 23	PAGE IMAGES FOR 1947-1966 RECORDS IN CAPLUS AND CA
NEWS	12	Aug 23	Adis Newsletters (ADISNEWS) now available on STN
NEWS	13	Sep 17	IMSworld Pharmaceutical Company Directory name change to PHARMASEARCH
NEWS	14	Oct 09	Korean abstracts now included in Derwent World Patents Index
NEWS	15	Oct 09	Number of Derwent World Patents Index updates increased
NEWS	16	Oct 15	Calculated properties now in the REGISTRY/ZREGISTRY File
NEWS	17	Oct 22	Over 1 million reactions added to CASREACT
NEWS	18	Oct 22	DGENE GETSIM has been improved
NEWS	19	Oct 29	AAASD no longer available
NEWS	20	Nov 19	New Search Capabilities - USPATFULL and USPAT2
NEWS	21	Nov 19	TOXENTER(SM) - new toxicology file now available on STN
NEWS	22	Nov 29	COPPERLIT now available on STN
NEWS	23	Nov 29	DWPI revisions to NTIS and US Provisional Numbers
NEWS	24	Nov 30	Files VETU and VETB to have open access

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NEWS EXPRESS  August 15 CURRENT WINDOWS VERSION IS V6.0c,
               CURRENT MACINTOSH VERSION IS V6.0 (ENG) AND V6.0J (JP),
               AND CURRENT DISCOVER FILE IS DATED 07 AUGUST 2001
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* * * * * 379 Columns * * * * *

[illegible]

1. *Chlorophyll a* and *Chlorophyll b* were determined by the method of Arar and Collins (1971).

[illegible][illegible][illegible]

... ..

100

INDEX: AGRISALERTS, AGRISINSIGHT, AGRISNEWS, AGRICOMM, ALAPRIS, ALIASN,
 BUSINESS, BIOCHEMA, BIOSIS, BIOTECHABS, BIOTECHN, CABA,
 CANTERLIT, CASLNS, CEASA-VTE, CHN, CIN, CONFED, CR AB, CRAP, CTFE,
 CTFI, CENE, CAYNE, CRYMANTCH, CRYMANOR, ...
 ENTERED AT 11:41:01 ON 05 DEC 2001

40 FILES IN THE FILE LIST ON STNINDEX

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STRUCTURE FILE UPDATES: 3 DEC 2001 HIGHEST RN 373353-24-3
 DICTIONARY FILE UPDATES: 3 DEC 2001 HIGHEST RN 373353-24-3

TSCA INFORMATION NOW CURRENT THROUGH July 7, 2001

Please note that search-term pricing does apply when
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Calculated physical property data is now available. See HELP PROPERTIES
 for more information. See STNote 27, Searching Properties in the CAS
 Registry File, for complete details:
<http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf>

-> e 5-hydroxytryptophan

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 is not available now. If this message appears repeatedly, please
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=> e 5-hydroxytryptophan/cn

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 is not available now. If this message appears repeatedly, please
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 file.

> e 5-hydroxytryptophan/cn

*****Over 1000*****

*
 * fil reg

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FULL ESTIMATED COST	1.45	0.60

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STRUCTURE FILE UPDATES: 03 DEC 2001 HIGHEST KN STAGE=14-3

DICTIONARY FILE UPDATES: 03 DEC 2001 HIGHEST KN STAGE=14-3

STNA INFORMATION NOW CURRENT THROUGH July 1, 2001

Please note that search-term pricing does apply when
conducting SMARTRENT searches.

Unsaved limits have been increased. See HELP CROSSOVER for details.

Calculated physical property data is now available. See HELP PROPERTIES
for more information. See STNote 27, Searching Properties in the CAS

Registry File, for complete details:

<http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf>

>> e hydroxytryptophan/en

<-----User Break----->

u

=> index bioscience

FILE 'DRUGMONOG' ACCESS NOT AUTHORIZED

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.62

2.46

INDEX 'ADISALERTS, ADISINSIGHT, ADISNEWS, AGRICOLA, ANABSTR, AQUASCI,
BIOBUSINESS, BIOCOMMERCE, BIOSIS, BIOTECHABS, BIOTECHDS, BIOTECHNO, CABA,
CANCERLIT, CAPLUS, CEABA-VTR, CEN, CIN, CONFSCI, CROFB, CROFU, DDFB,
DDFU, DGENE, DRUGB, DRUGLAUNCH, DRUGMONOG2, ...'

ENTERED AT 11:09:52 ON 05 DEC 2001

59 FILES IN THE FILE LIST IN STNINDEX

Enter SET DETAIL ON to see search term postings or to view
search error messages that display as 0* with SET DETAIL OFF.

>> s green tea

84 FILE ADISALERTS
3 FILE ADISINSIGHT
14 FILE ADISNEWS
391 FILE AGRICOLA
105 FILE ANABSTR
3 FILE AQUASCI
305 FILE BIOBUSINESS
5 FILE BIOCOMMERCE
1465 FILE BIOSIS
16 FILE BIOTECHABS
16 FILE BIOTECHDS
200 FILE BIOTECHNO
692 FILE CABA
416 FILE CANCERLIT
7641 FILE CAPLUS
10 FILE CEABA-VTR
10 FILE CEN
34 FILE CIN
47 FILE CONFSCI
4 FILE CROFB
1 FILE CROFU
11 FILE DDFB
100 FILE DDFU
11 FILE DGENE
11 FILE DRUGLAUNCH
10 FILE DRUGMONOG
41 FILE DRUGMONOG2

1 FILE DRUGMONOG3

18 FILE EMBAS

26 FILE EMBAS2

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511 FILE EMBASE
197 FILE EMBASE
461 FILE FROSTI
461 FILE FSTA
16 FILE HEALDATA
117 FILE IFIPAT
1977 FILE JICST-EPLUS
44 FILE PROMT
177 FILE SCISEARCH
1 FILE MEDLINE
794 FILE MEDLINE
4 FILE NIOSHTIC
11 FILE NTIS
1 FILE OCEAN
669 FILE PASCAL
3 FILE PHIN
2704 FILE PROMT
53 FILES SEARCHED...
1466 FILE SCISEARCH
1 FILE SYNTHLINE
797 FILE TOXLIT
575 FILE USPATFULL
1303 FILE WPIDS
1303 FILE WPINDEX

```

52 FILES HAVE ONE OR MORE ANSWERS, 59 FILES SEARCHED IN STNINDEX

L1 QUE GREEN TEA

=> s 11 (s) spray? (s) extract?

```

4 FILE BIOSIS
2 FILE BIOTECHNO
1 FILE CABA
1 FILE CROPU
21 FILES SEARCHED...
1 FILE EMBASE
2 FILE ESBIODBASE
4 FILE FROSTI
6 FILE FSTA
38 FILES SEARCHED...
2 FILE IFIPAT
1 FILE JICST-EPLUS
1 FILE PASCAL
26 FILE PROMT
3 FILE SCISEARCH
1 FILE TOXLIT
21 FILE USPATFULL
17 FILE WPIDS
59 FILES SEARCHED...
17 FILE WPINDEX

```

17 FILES HAVE ONE OR MORE ANSWERS, 59 FILES SEARCHED IN STNINDEX

L2 QUE L1 (S) SPRAY? (S) EXTRACT?

=> s back

```

P1 26 PROMT
P1 21 USPATFULL
P1 17 WPIDS
P1 17 WPINDEX
P1 6 FSTA
P1 4 EMBASE
P1 4 IFIPAT
P1 4 JICST-EPLUS
P1 4 SCISEARCH
P1 4 TOXLIT
P1 4 USPATFULL
P1 4 WPIDS
P1 4 FSTA
P1 4 EMBASE
P1 4 IFIPAT
P1 4 JICST-EPLUS
P1 4 SCISEARCH
P1 4 TOXLIT
P1 4 USPATFULL
P1 4 WPIDS

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F14 1 EMPAGE
 F15 1 JLIST-HILPP
 F16 1 EASJAL
 F17 1 TOXLIT

> all 14, 17, 16, 17

JUST IN U.S. DOLLARS	ENTRY	TOTAL
FILE ESTIMATED JUST	3.6	6.6

FILE 'BIOSIS' ENTERED AT 11:14:43 ON 05 DEC 2001
 COPYRIGHT (C) 2001 BIOSIS(R)

FILE 'SCISEARCH' ENTERED AT 11:14:43 ON 05 DEC 2001
 COPYRIGHT (C) 2001 Institute for Scientific Information (ISI) (R)

FILE 'CABA' ENTERED AT 11:14:43 ON 05 DEC 2001
 COPYRIGHT (C) 2001 CAB INTERNATIONAL (CABI)

FILE 'TOXLIT' ENTERED AT 11:14:43 ON 05 DEC 2001

=> s 12

L3 9 L2

=> dup rem 13

PROCESSING COMPLETED FOR L3

L4 6 DUP REM L3 (3 DUPLICATES REMOVED)

=> d 14 1- all

YOU HAVE REQUESTED DATA FROM 6 ANSWERS - CONTINUE? Y/(N):y

L4 ANSWER 1 OF 6 SCISEARCH COPYRIGHT 2001 ISI (R)
 AN 2001:972383 SCISEARCH
 GA The Genuine Article (R) Number: 495UG
 TI Effect of selenium spraying on green tea quality
 AU Hu Q H (Reprint); Xu J; Pan G X
 CS Hokkaido Univ, Grad Sch Agr, Res Grp Bioorgan Chem, Kita Ku, North 9, West
 9, Sapporo, Hokkaido 0608589, Japan (Reprint); Nanjing Agr Univ, Coll Food
 Sci & Technol, Nanjing 210095, Peoples R China; Nanjing Agr Univ, Coll
 Resource & Environm Sci, Nanjing 210095, Peoples R China
 CYA Japan; Peoples R China
 SO JOURNAL OF THE SCIENCE OF FOOD AND AGRICULTURE, (NOV 2001) Vol. 31, No.
 14, pp. 1387-1390.
 Publisher: JOHN WILEY & SONS LTD, BAFPING LANE CHICHESTER, W SUSSEX PO19
 1UD, ENGLAND.
 ISSN: 0022-5142.
 DT Article; Journal
 LA English
 REC Reference Count: 13
 AB This research was conducted to determine the effects of different
 selenium treatments on the sensory and chemical qualities of ***green***
 tea harvested in the summer tea-producing season. ***Green***
 tea was produced from fresh tea leaves ***sprayed*** with
 sodium selenite or organically bound selenium solution. The results showed
 that the sweetness and astringency of ***green*** ***tea***
 X were significantly increased and the astringent taste and
 bitterness were significantly reduced by selenium ***spraying***
 during the summer tea-producing season. Significant differences in
 amino acid content, total polyphenol content and total flavonoid content
 X were found between the selenium and control ***tea*** and
 control ***tea***. In fact, the amino acid content and total flavonoid
 X were significantly increased and the astringent
 bitterness and taste were significantly reduced by selenium
 X. The content of astringent ***X***
 and bitterness were significantly reduced by selenium spraying.

significant difference was found between control selenium and selenium
 and selenium treatments. These results demonstrate that the sensory and
 chemical quality of ***green*** ***tea*** were significantly
 improved by selenium ***spraying***. J. Chin. Soc. Hort. Sci. 1999, 20(1): 1-5.

** ANKUTILAKA, MUTHUPILLAIAN; CHEMISTRY, ARIAPP, P. O. SCIENCE &
 TECHNOLOGY

ST Author Keywords: Selenium; green tea; sensory quality; chemical quality
 AB

Referenced Author (RAW)	Year (REF)	Vol. (KVL)	Ed. (RIS)	Referenced Work (RWW)
COMBS J B F	1997	41		B SELENIUM TELLURIUM
DIABALACON J P	1994	42	2849	J AGR FOOD CHEM
FOSTER L H	1997	37	211	CRIT REV FOOD SCI
HOU S	1993	38	356	CHINESE SCI BULL
HOU S	1993	39	374	CHINESE SCI BULL
HU Q	1999	32	169	SCI AGR SINICA
HU Q H	2001	181	1202	J SCI FOOD AGR
HU Q	2001	176	1344	J HORTIC SCI BIOTECH
MAHAN D C	1996	174	12711	J ANIM SCI
MEJUTOMARTI M C	1988	136	1293	J AGR FOOD CHEM
SLINKARD K	1977	28	149	AM J ENOL VITICULT
VALLE G	1993	124	11763	COMMUN SOIL SCI PLAN
XU Z	1996		18	PROCESSING TECHNOLOG

L4 ANSWER 2 OF 6 BIOSIS COPYRIGHT 2001 BIOSIS DUPLICATE 1

AN 2001:326487 BIOSIS

DN PREV200100326487

TI Effect of selenium on green tea preservation quality and amino acid
 composition of tea protein.

AU Hu, Q. (1); Pan, G.; Zhu, C.

CS (1) College of Food Science and Technology, Nanjing Agricultural
 University, Nanjing, 210095; qihuina@hotmail.com China

SO Journal of Horticultural Science & Biotechnology, (May, 2001) Vol. 16, No.
 3, pp. 344-346. print.
 ISSN: 1462-0316.

DT Article

LA English

SL English

AB To increase the selenium content of tea produced in areas of China poor in
 selenium, sodium selenite was added to tea garden soil or was

sprayed onto tea leaves. Effects of selenium on ***green***
 tea quality and the amino acid composition of tea protein were
 studied. Selenium-enriched ***green*** ***tea*** and poor selenium
 green ***tea*** were ***extracted*** with hot water
 (100degreeC) at a 1:50 ratio (w/v). The tea leaf ***extracts*** were
 stored at 30degreeC for 12 h, the colour changes of selenium-enriched
 green ***tea*** ***extract*** were more stable than with
 poor selenium ***green*** ***tea*** ***extract***. The teas
 were packaged in polypropylene plastic bags and then stored at room
 temperature for 90 d. The reduced ratio of vitamin C in selenium-enriched
 green ***tea*** was 21% compared with poor selenium content
 green ***tea*** at 52%. These results demonstrated that
 selenium-enriched ***green*** ***tea*** produced a more desirable
 quality than poor selenium ***green*** ***tea***. The total amino
 acid amounts, essential amino acid, methionine acid and cysteine acid
 content of different selenium-enriched ***green*** ***tea***
 protein were increased by 8.3%-14.8%, 8.3%-14.8%, 6.0%-9.7% and 19%-26%,
 respectively, compared with the low selenium ***green*** ***tea***.
 green ***tea*** quality was raised by selenium treatment.

** Author - Hu, Q., Muthupillai, M. and Muthupillai, M.

Editorial Board - Muthupillai, M. and Muthupillai, M.

Editorial Board - Muthupillai, M. and Muthupillai, M.

Editorial Board - Muthupillai, M. and Muthupillai, M.

Editorial Board - Muthupillai, M. and Muthupillai, M.

Editorial Board - Muthupillai, M. and Muthupillai, M.

Editorial Board - Muthupillai, M. and Muthupillai, M.

Editorial Board - Muthupillai, M. and Muthupillai, M.

Editorial Board - Muthupillai, M. and Muthupillai, M.

Editorial Board - Muthupillai, M. and Muthupillai, M.

IT Major Concepts
 Angiosperms; Horticulture; Agriculture; Food; Nutrition
 IT Substances, Mixtures, & Systems of Substances
 Ice
 IT Major Concepts
 Food; Food Processing; Food; Food Preparation; Food; Food Preparation; Food; Food Preparation
 IT Miscellaneous Descriptors
 Green tea; Beverage; Food; Nutrition; Preservation; Quality; Quality; Tea
 Ice
 IT Major Concepts
 Tea; Beverage; Food; Nutrition

KEN Number Name
 Tea; Beverage; Food; Nutrition

KEN Number Name
 Tea; Beverage; Food; Nutrition

AN 1141-43-1 SELENIUM
 1141-43-1 (SODIUM SELENATE)

L4 ANSWER 3 OF 6 BIOSIS COPYRIGHT 2011 BIOSIS
 AN 1141-43-1 BIOSIS
 EN REV20111141431
 TI Ice for cool drinks of liquors requiring no diluent.
 AU Saito, Katsuo (J)
 CO 11:4-4, 11:8-9, 11:10-11, 11:12-13, Tokyo, Japan
 FI 11:4-4, 11:8-9, 11:10-11, 11:12-13, Tokyo, Japan
 JO Official Gazette of the United States Patent and Trademark Office Patents,
 (Apr. 4, 1950) Vol. 1243, No. 1, pp. No pagination. e-file.
 USN: 1141-43-1.

IT Patent
 LA English
 AB Ice is prepared by freezing a diluent, such as carbonic acid, lemon water,
 green, mineral water, or pickled lime ***extract***
 in water, and crushing the frozen diluent into lumps of varying sizes. The
 lumps are ***sprayed*** with water to bind them together and are
 compressed under pressure in the form of multi-sized ice blocks. The ice
 blocks are packaged in bags and sealed by a film cap. A plurality of bags
 containing the ice blocks are provided in a case.

NOL 42611600
 IT Major Concepts
 Food; Methods and Techniques
 IT Methods & Equipment
 Cool drink ice preparation; food processing method
 IT Miscellaneous Descriptors
 Green tea; Beverage; Lemon water; Beverage; Mineral water; Beverage;
 Carbonic acid; Beverage; Pickled lime extract

L4 ANSWER 4 OF 6 BIOSIS COPYRIGHT 2011 BIOSIS PUBLISHER 1
 AN 1141-43-1 BIOSIS
 EN REV20111141431
 TI On-line screening method for antioxidants by liquid chromatography with
 chemiluminescence detection.
 AU Ohta, Ayako; Anai, Hiroaki; Tanizawa, Hiroyuki; Miyahara, Taketomo;
 Toyooka, Toshiyuki (J)
 CO 11: Department of Analytical Chemistry, School of Pharmaceutical Sciences,
 University of Shizuoka, 52-1 Yada, Shizuoka, 422-8526 Japan
 FI Analytical Chemistry Asia, (March 16, 1999) Vol. 18, No. 3, pp. 261-265.
 USN: 1141-43-1.

IT Article
 LA English
 AB A novel screening method for antioxidants by liquid chromatography with
 chemiluminescence detection. The method is based on the principle of
 the reaction of antioxidants with a radical cation of 2,2'-azobis(2-amidinopropane)
 hydrochloride (V50) to form a stable radical cation. The reaction of
 antioxidants with V50 is monitored by the change in the intensity of the
 chemiluminescence signal. The method is applicable to the screening of
 antioxidants in various samples. The method is also applicable to the
 screening of antioxidants in various samples. The method is also applicable
 to the screening of antioxidants in various samples. The method is also
 applicable to the screening of antioxidants in various samples. The method
 is also applicable to the screening of antioxidants in various samples. The
 method is also applicable to the screening of antioxidants in various samples.

1000, chlorophyllin, α -tocopherol, α -epigallocatechin, and α -epigallocatechin gallate, seemed to possess scavenging activity for OH^\cdot . However, the potential was different for each antioxidant and relatively stronger activity was found in the flavonols. The detection limits of α -tocopherol, α -epigallocatechin, α -epigallocatechin gallate, chlorophyllin, and chlorophyllin gallate were 4.4 and 4.1 $\mu\text{g/L}$, respectively. The OH^\cdot scavenger was applied to the detection of antioxidants in ***extract***.
 green ***tea*** leaves. The phenolic compounds eluting from the separation of negative peaks, α -epigallocatechin was the main component of antioxidants among the various intrinsic substances in ***green***
 extract. Detection of α -epigallocatechin in the
 extracts diluted 1000 times was possible, and the sensitivity was higher than that of UV detection at 280 nm. The structure of α -epigallocatechin was also identified with LC-electron ***spray*** ionization/mass spectrometry.

CC Biochemical Methods - General *10050
 Comparative Biochemistry, General *10010
 Biochemical Studies - General *10060
 Biophysics - General Biophysical Studies *10502
 Enzymes - General and Comparative Studies; Coenzymes *10502
 Physiology, General and Miscellaneous - General *12002
 Pathology, General and Miscellaneous - General *12502
 Toxicology - General; Methods and Experimental *22501

IT Major Concepts

IT Biochemistry and Molecular Biophysics; Methods and Techniques

IT Chemicals & Biochemicals

IT antioxidant compounds: analysis, screening, characterization; enzymes; hypoxanthine; luminol; superoxide anion radicals; xanthine oxidase

IT Methods & Equipment

IT liquid chromatography-chemiluminescence detection: analytical method, chromatographic techniques; on-line screening methods: Detection/Labeling Techniques, analytical method; Finnigan MAT LCO ion trap mass spectrometer; Finnigan, equipment; H-P 1100 series liquid chromatograph; Hewlett-Packard, equipment; SPD-6A UV detector; Shimadzu, equipment

IT Miscellaneous Descriptors

IT chemiluminescence reactions; enzyme reactions

RN 521-31-3 (LUMINOL)
 11062-77-4 (SUPEROXIDE)
 9002-17-9 (XANTHINE OXIDASE)
 68-94-0 (HYPOXANTHINE)

L4 ANSWER 5 OF 6 BIOSIS COPYRIGHT 2001 BIOSIS

AN 1960:275911 BIOSIS

EN BA70:68407

T1 DIRECT DETERMINATION OF TRI CYCLO HEXYL TIN HYDROXIDE AND ITS RELATED COMPOUNDS BY ATOMIC ABSORPTION SPECTROPHOTOMETRY WITH GRAPHITE FURNACE ATOMIZER.

AU SHIGA N; MATANO O; GOTO S

CS INST. ENVIRON. TOXICOL., KODAIRA, TOKYO 187, JPN.

JO PESTIC SCI (NIRON NOYAKUSAKU KAISHI), (1990) 5 (2), 255-262.

CODEN: NNGADV. ISSN: 0385-1559.

FS BA; OLD

LA Japanese

AB Direct determination of cyclohexyltin derivatives by atomic absorption spectrophotometry with a graphite furnace atomizer (GFAA) was developed and this method was applied to residue analysis of tricyclohexyltin hydroxide in ***green*** ***tea*** and an orange ***sprayed*** with Plectran midicide. Hitachi 170-70 type GFAA using the Zeeman effect for the background correction was used. The analytical line was 286.3 nm and Argon gas stream was used at a flow rate of 1 L/min. Ten μL of sample solution was introduced into the graphite furnace by Eppendorf pipette. Cyclohexyltin derivatives, tetraethylhexyltin hydroxide, triethylhexyltin hydroxide, diethylhexyltin hydroxide, and ethylhexyltin hydroxide were analyzed. The detection limit was 0.1 $\mu\text{g/g}$ in the sample. The method was applied to the analysis of the residue in the sample. The method was applied to the analysis of the residue in the sample. The method was applied to the analysis of the residue in the sample.

Cyclohexyltin oxide (green) was extracted from orange peel with hexane and acetic acid. The residue was purified by column chromatography. Basic alumina (20 g, activity grade I) was packed into a column (300 litres, 14 mm inner diameter). After the sample had passed through, the column was developed with 5 ml of hexane, 40 ml of ether. Cyclohexyltin was eluted in three fractions and 10 ml of ether containing 1% ammonia. Cyclohexyltin was eluted in the last fraction and cyclohexyltin and cyclohexyltin remained in the column. The column was washed and the residue was dissolved in hexane, then determined by HAA. The operating conditions were as follows: drying: 110 degree, 2, 20 s; heating: 200 degree, 2, 20 s; atomization: 250 degree, 2, 5 s. The lower limits of detection were 0.05 ppm in 5 g of green tea, 0.11 ppm in 20 g of orange peel and 0.006 ppm in 50 g of orange flesh and orange juice. Recoveries from green tea (fortified at the 2.0 ppm level), orange flesh (0.1 ppm), orange peel (0.3 ppm) and orange juice (0.1 ppm) were 91, 94, 92 and 100%, respectively. No acid digestion and a series of solvent extraction steps were required for this analysis.

- CC Comparative Biochemistry, General 10010
 Biochemical Methods - Minerals 10059
 Biochemical Studies - General 10060
 Biochemical Studies - Minerals 10069
 Biophysics - General Biophysical Techniques 10504
 Movement 12100
 Food Technology - General; Methods 13502
 Food Technology - Fruits, Nuts and Vegetables 13504
 Food Technology - Malts, Brews and Other Fermentation Products 13512
 Food Technology - Evaluations of Physical and Chemical Properties 13530
 Toxicology - Foods, Food Residues, Additives and Preservatives 22502
 Toxicology - Environmental and Industrial Toxicology 22506
 Public Health: Environmental Health - Air, Water and Soil Pollution 37015
 Horticulture - Tropical and Subtropical Fruits and Nuts; Plantation Crops 53004
 Pest Control, General; Pesticides; Herbicides 54600
 Economic Entomology - Chemical and Physical Control, General; Apparatus 60016
 BC Rutaceae 26695
 Theaceae 26845
 IT Miscellaneous Descriptors
 GREEN TEA ORANGE JUICE ORANGE PEEL ORANGE FLESH PLICITRAN MITICIDE DI
 CYCLO HEXYL TIN OXIDE MONO CYCLO HEXYL STANNONIC-ACID
 RN 7792-42-5 (GRAPHITE)
 13121-70-5 (TRI CYCLO HEXYL TIN HYDROXIDE)
 13121-70-5 (PLICITRAN)
 22771-17-1 (DI CYCLO HEXYL TIN OXIDE)
 L4 ANSWER 6 OF 6 TOXLIT
 AN 1972:17786 TOXLIT
 CN CA-077-0843890
 TI Effectiveness of different processes for using petroleum growth substance in tea culture.
 AU Mamedov AM
 OS Inst. Pochvoved. Agrokhim., Baku, USSR
 SO NRV (Neft. Rostovoe Veshchestvo) Sel. Khim., Tr. Vses. Soveshch. Inzh. Primen. NRV Sel. Khim., 3rd, (1971).pp. 246-8.
 CODEN: 252UA6.
 FS CA
 LA Russian
 OS CA 75:84389
 EM 197212
 AB Petroleum growth substance (PGR) had the strongest stimulatory effect on tea plant in winter under heavy frost and at low temperatures. The yield of tea plants in the plots treated with PGR was 1.5-2.0 times higher than the yield of the plots not treated with PGR. The yield of tea plants in the plots treated with PGR was 1.5-2.0 times higher than the yield of the plots not treated with PGR. The yield of tea plants in the plots treated with PGR was 1.5-2.0 times higher than the yield of the plots not treated with PGR.

FILE INFORMATION: ACCESS NOT AUTHORIZED
 LAST IN FILE: DALLARD

	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	16.75	23.44

INDEX 'ABRISABRIS, ABISINNI, ABI, ABINERES, ABRI, VIA, ABAPATA, ABTAJJI,
 BILUNINERAS, BIL-AMERKE, BIOSIS, BIL-ACHARRS, BILTECHNO, BIOTECHNO, CABA,
 CANIBALLI, CAINIS, CABA-UTR, EN, IN, CAGASCI, CROB, CROU, CIFE,
 CIFE, CENE, CROB, CROSLANTCH, CROSLANTCH, ...'
 ENTERED AT 11:06:17 ON 04 DEC 1991

59 FILES IN THE FILE LIST IN STNINDEX

Enter SET DETAIL ON to see search term postings or to view
 search error messages that display as 0* with SET DETAIL OFF.

=> s ll (s) enrich? (s) extract?

- 3 FILE AGRICOLA
- 1 FILE BIOBUSINESS
- 6 FILE BIOSIS
- 2 FILE BIOTECHNO
- 5 FILE CABA
- 1 FILE CANCERLIT
- 1 FILE CDFU

24 FILES SEARCHED...

- 3 FILE DRUGU
- 3 FILE EMBASE
- 4 FILE ESBIOBASE
- 4 FILE FROSTI
- 5 FILE FSTA
- 1 FILE JICST-EPIUS

44 FILES SEARCHED...

- 3 FILE MEDLINE
- 3 FILE PASCAL
- 26 FILE PROMT
- 6 FILE SCISEARCH
- 5 FILE USPATFULL
- 4 FILE WPIDS
- 4 FILE WPINDEX

20 FILES HAVE ONE OR MORE ANSWERS, 59 FILES SEARCHED IN STNINDEX

L5 QUE L1 (S) ENRICH? (S) EXTRACT?

=> d rank

F1	26	PROMT
F2	6	BIOSIS
F3	6	SCISEARCH
F4	5	CABA
F5	5	FSTA
F6	5	USPATFULL
F7	4	ESBIOBASE
F8	4	FROSTI
F9	4	WPIDS
F10	4	WPINDEX
F11	3	ABRICOLA
F12	3	DRUGU
F13	3	EMBASE
F14	3	MEDLINE
F15	3	PASCAL
F16	3	BIOTECHNO
F17	3	BIOSABINERAS
F18	3	CANIBALLI
F19	1	CIFE
F20	1	BIOTECHNO

1 1 1 1 1 1 1 1 1 1

1. The first step is to identify the key components of the system. This includes understanding the hardware, software, and data involved.

FILE "MILWAUKEE" ENTERED AT 10:16 PM ON APR 17 1981
FBI - MILWAUKEE

[illegible]

Case	Age	Sex	Site	Pathologic	Immunohistochemical	Genetic	Prognosis	Survival	Reference
1	65	M	Rectum	Adenocarcinoma	CD117 ⁺	None	Good	12 mo	[10]
2	65	M	Rectum	Adenocarcinoma	CD117 ⁺	None	Good	12 mo	[10]
3	65	M	Rectum	Adenocarcinoma	CD117 ⁺	None	Good	12 mo	[10]
4	65	M	Rectum	Adenocarcinoma	CD117 ⁺	None	Good	12 mo	[10]
5	65	M	Rectum	Adenocarcinoma	CD117 ⁺	None	Good	12 mo	[10]
6	65	M	Rectum	Adenocarcinoma	CD117 ⁺	None	Good	12 mo	[10]
7	65	M	Rectum	Adenocarcinoma	CD117 ⁺	None	Good	12 mo	[10]
8	65	M	Rectum	Adenocarcinoma	CD117 ⁺	None	Good	12 mo	[10]
9	65	M	Rectum	Adenocarcinoma	CD117 ⁺	None	Good	12 mo	[10]
10	65	M	Rectum	Adenocarcinoma	CD117 ⁺	None	Good	12 mo	[10]
11	65	M	Rectum	Adenocarcinoma	CD117 ⁺	None	Good	12 mo	[10]
12	65	M	Rectum	Adenocarcinoma	CD117 ⁺	None	Good	12 mo	[10]
13	65	M	Rectum	Adenocarcinoma	CD117 ⁺	None	Good	12 mo	[10]
14	65	M	Rectum	Adenocarcinoma	CD117 ⁺	None	Good	12 mo	[10]
15	65	M	Rectum	Adenocarcinoma	CD117 ⁺	None	Good	12 mo	[10]
16	65	M	Rectum	Adenocarcinoma	CD117 ⁺	None	Good	12 mo	[10]
17	65	M	Rectum	Adenocarcinoma	CD117 ⁺	None	Good	12 mo	[10]
18	65	M	Rectum	Adenocarcinoma	CD117 ⁺	None	Good	12 mo	[10]
19	65	M	Rectum	Adenocarcinoma	CD117 ⁺	None	Good	12 mo	[10]
20	65	M	Rectum	Adenocarcinoma	CD117 ⁺	None	Good	12 mo	[10]
21	65	M	Rectum	Adenocarcinoma	CD117 ⁺	None	Good	12 mo	[10]
22	65	M	Rectum	Adenocarcinoma	CD117 ⁺	None	Good	12 mo	[10]
23	65	M	Rectum	Adenocarcinoma	CD117 ⁺	None	Good	12 mo	[10]
24	65	M	Rectum	Adenocarcinoma	CD117 ⁺	None	Good	12 mo	[10]
25	65	M	Rectum	Adenocarcinoma	CD117 ⁺	None	Good	12 mo	[10]
26	65	M	Rectum	Adenocarcinoma	CD117 ⁺	None	Good	12 mo	[10]
27	65	M	Rectum	Adenocarcinoma	CD117 ⁺	None	Good	12 mo	[10]
28	65	M	Rectum	Adenocarcinoma	CD117 ⁺	None	Good	12 mo	[10]
29	65	M	Rectum	Adenocarcinoma	CD117 ⁺	None	Good	12 mo	[10]
30	65	M	Rectum	Adenocarcinoma	CD117 ⁺	None	Good	12 mo	[10]
31	65	M	Rectum	Adenocarcinoma	CD117 ⁺	None	Good	12 mo	[10]
32	65	M	Rectum	Adenocarcinoma	CD117 ⁺	None	Good	12 mo	[10]
33	65	M	Rectum	Adenocarcinoma	CD117 ⁺	None	Good	12 mo	[10]
34	65	M	Rectum	Adenocarcinoma	CD117 ⁺	None	Good	12 mo	[10]
35	65	M	Rectum	Adenocarcinoma	CD117 ⁺	None	Good	12 mo	[10]
36	65	M	Rectum	Adenocarcinoma	CD117 ⁺	None	Good	12 mo	[10]
37	65	M	Rectum	Adenocarcinoma	CD117 ⁺	None	Good	12 mo	[10]
38	65	M	Rectum	Adenocarcinoma	CD117 ⁺	None	Good	12 mo	[10]
39	65	M	Rectum	Adenocarcinoma	CD117 ⁺	None	Good	12 mo	[10]
40	65	M	Rectum	Adenocarcinoma	CD117 ⁺	None	Good	12 mo	[10]
41	65	M	Rectum	Adenocarcinoma	CD117 ⁺	None	Good	12 mo	[10]
42	65	M	Rectum	Adenocarcinoma	CD117 ⁺	None	Good	12 mo	[10]
43									

— *Journal of the American Medical Association*, 1997

1000

• 2000 2001 2002

PROCESSING CONTINUED FOR 16
 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100 101 102 103 104 105 106 107 108 109 110 111 112 113 114 115 116 117 118 119 120 121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 149 150 151 152 153 154 155 156 157 158 159 160 161 162 163 164 165 166 167 168 169 170 171 172 173 174 175 176 177 178 179 180 181 182 183 184 185 186 187 188 189 190 191 192 193 194 195 196 197 198 199 200 201 202 203 204 205 206 207 208 209 210 211 212 213 214 215 216 217 218 219 220 221 222 223 224 225 226 227 228 229 230 231 232 233 234 235 236 237 238 239 240 241 242 243 244 245 246 247 248 249 250 251 252 253 254 255 256 257 258 259 260 261 262 263 264 265 266 267 268 269 270 271 272 273 274 275 276 277 278 279 280 281 282 283 284 285 286 287 288 289 290 291 292 293 294 295 296 297 298 299 300 301 302 303 304 305 306 307 308 309 310 311 312 313 314 315 316 317 318 319 320 321 322 323 324 325 326 327 328 329 330 331 332 333 334 335 336 337 338 339 340 341 342 343 344 345 346 347 348 349 350 351 352 353 354 355 356 357 358 359 360 361 362 363 364 365 366 367 368 369 370 371 372 373 374 375 376 377 378 379 380 381 382 383 384 385 386 387 388 389 390 391 392 393 394 395 396 397 398 399 400 401 402 403 404 405 406 407 408 409 410 411 412 413 414 415 416 417 418 419 420 421 422 423 424 425 426 427 428 429 430 431 432 433 434 435 436 437 438 439 440 441 442 443 444 445 446 447 448 449 450 451 452 453 454 455 456 457 458 459 460 461 462 463 464 465 466 467 468 469 470 471 472 473 474 475 476 477 478 479 480 481 482 483 484 485 486 487 488 489 490 491 492 493 494 495 496 497 498 499 500 501 502 503 504 505 506 507 508 509 510 511 512 513 514 515 516 517 518 519 520 521 522 523 524 525 526 527 528 529 530 531 532 533 534 535 536 537 538 539 540 541 542 543 544 545 546 547 548 549 550 551 552 553 554 555 556 557 558 559 560 561 562 563 564 565 566 567 568 569 570 571 572 573 574 575 576 577 578 579 580 581 582 583 584 585 586 587 588 589 590 591 592 593 594 595 596 597 598 599 600 601 602 603 604 605 606 607 608 609 610 611 612 613 614 615 616 617 618 619 620 621 622 623 624 625 626 627 628 629 630 631 632 633 634 635 636 637 638 639 640 641 642 643 644 645 646 647 648 649 650 651 652 653 654 655 656 657 658 659 660 661 662 663 664 665 666 667 668 669 670 671 672 673 674 675 676 677 678 679 680 681 682 683 684 685 686 687 688 689 690 691 692 693 694 695 696 697 698 699 700 701 702 703 704 705 706 707 708 709 710 711 712 713 714 715 716 717 718 719 720 721 722 723 724 725 726 727 728 729 730 731 732 733 734 735 736 737 738 739 740 741 742 743 744 745 746 747 748 749 750 751 752 753 754 755 756 757 758 759 760 761 762 763 764 765 766 767 768 769 770 771 772 773 774 775 776 777 778 779 780 781 782 783 784 785 786 787 788 789 790 791 792 793 794 795 796 797 798 799 800 801 802 803 804 805 806 807 808 809 810 811 812 813 814 815 816 817 818 819 820 821 822 823 824 825 826 827 828 829 830 831 832 833 834 835 836 837 838 839 840 841 842 843 844 845 846 847 848 849 850 851 852 853 854 855 856 857 858 859 860 861 862 863 864 865 866 867 868 869 870 871 872 873 874 875 876 877 878 879 880 881 882 883 884 885 886 887 888 889 890 891 892 893 894 895 896 897 898 899 900 901 902 903 904 905 906 907 908 909 910 911 912 913 914 915 916 917 918 919 920 921 922 923 924 925 926 927 928 929 930 931 932 933 934 935 936 937 938 939 940 941 942 943 944 945 946 947 948 949 950 951 952 953 954 955 956 957 958 959 960 961 962 963 964 965 966 967 968 969 970 971 972 973 974 975 976 977 978 979 980 981 982 983 984 985 986 987 988 989 990 991 992 993 994 995 996 997 998 999 1000 1001 1002 1003 1004 1005 1006 1007 1008 1009 1010 1011 1012 1013 1014 1015 1016 1017 1018 1019 1020 1021 1022 1023 1024 1025 1026 1027 1028 1029 1030 1031 1032 1033 1034 1035 1036 1037 1038 1039 1040 1041 1042 1043 1044 1045 1

$$= \frac{1}{2}(\alpha_1 + \alpha_2) = \alpha_{12}$$

```
'1-ALL' IS NOT A VALID FORMAT
In a multifile environment, a format can only be used if it is valid
in at least one of the files. Refer to file specific help messages
or the STNGENR file for information on formats available in
individual files.
REENTER DISPLAY FORMAT FOR ALL FILES (ENTER DEFAULT):end
```

103217-2 = 411

$$\begin{aligned} \frac{\partial}{\partial t} \left(\frac{1}{2} \rho \mathbf{u} \cdot \mathbf{u} \right) + \nabla \cdot \left(\frac{1}{2} \rho \mathbf{u} \otimes \mathbf{u} \right) &= \rho \mathbf{u} \cdot \nabla \mathbf{u} + \nabla \cdot \left(\frac{1}{2} \rho \mathbf{u} \otimes \mathbf{u} \right) \\ &= \rho \mathbf{u} \cdot \nabla \mathbf{u} + \nabla \cdot \left(\frac{1}{2} \rho \mathbf{u} \otimes \mathbf{u} \right) \\ &= \rho \mathbf{u} \cdot \nabla \mathbf{u} + \nabla \cdot \left(\frac{1}{2} \rho \mathbf{u} \otimes \mathbf{u} \right) \end{aligned}$$
[illegible]

101-141; 142-143; 144-145; 146-147; 148-149; 150-151; 152-153; 154-155; 156-157; 158-159; 160-161; 162-163; 164-165; 166-167; 168-169; 170-171; 172-173; 174-175; 176-177; 178-179; 180-181; 182-183; 184-185; 186-187; 188-189; 190-191; 192-193; 194-195; 196-197; 198-199; 200-201; 202-203; 204-205; 206-207; 208-209; 210-211; 212-213; 214-215; 216-217; 218-219; 220-221; 222-223; 224-225; 226-227; 228-229; 230-231; 232-233; 234-235; 236-237; 238-239; 240-241; 242-243; 244-245; 246-247; 248-249; 250-251; 252-253; 254-255; 256-257; 258-259; 260-261; 262-263; 264-265; 266-267; 268-269; 270-271; 272-273; 274-275; 276-277; 278-279; 280-281; 282-283; 284-285; 286-287; 288-289; 290-291; 292-293; 294-295; 296-297; 298-299; 300-301; 302-303; 304-305; 306-307; 308-309; 310-311; 312-313; 314-315; 316-317; 318-319; 320-321; 322-323; 324-325; 326-327; 328-329; 330-331; 332-333; 334-335; 336-337; 338-339; 340-341; 342-343; 344-345; 346-347; 348-349; 350-351; 352-353; 354-355; 356-357; 358-359; 360-361; 362-363; 364-365; 366-367; 368-369; 370-371; 372-373; 374-375; 376-377; 378-379; 380-381; 382-383; 384-385; 386-387; 388-389; 390-391; 392-393; 394-395; 396-397; 398-399; 400-401; 402-403; 404-405; 406-407; 408-409; 410-411; 412-413; 414-415; 416-417; 418-419; 420-421; 422-423; 424-425; 426-427; 428-429; 430-431; 432-433; 434-435; 436-437; 438-439; 440-441; 442-443; 444-445; 446-447; 448-449; 450-451; 452-453; 454-455; 456-457; 458-459; 460-461; 462-463; 464-465; 466-467; 468-469; 470-471; 472-473; 474-475; 476-477; 478-479; 480-481; 482-483; 484-485; 486-487; 488-489; 490-491; 492-493; 494-495; 496-497; 498-499; 500-501; 502-503; 504-505; 506-507; 508-509; 510-511; 512-513; 514-515; 516-517; 518-519; 520-521; 522-523; 524-525; 526-527; 528-529; 530-531; 532-533; 534-535; 536-537; 538-539; 540-541; 542-543; 544-545; 546-547; 548-549; 550-551; 552-553; 554-555; 556-557; 558-559; 560-561; 562-563; 564-565; 566-567; 568-569; 570-571; 572-573; 574-575; 576-577; 578-579; 580-581; 582-583; 584-585; 586-587; 588-589; 590-591; 592-593; 594-595; 596-597; 598-599; 600-601; 602-603; 604-605; 606-607; 608-609; 610-611; 612-613; 614-615; 616-617; 618-619; 620-621; 622-623; 624-625; 626-627; 628-629; 630-631; 632-633; 634-635; 636-637; 638-639; 640-641; 642-643; 644-645; 646-647; 648-649; 650-651; 652-653; 654-655; 656-657; 658-659; 660-661; 662-663; 664-665; 666-667; 668-669; 670-671; 672-673; 674-675; 676-677; 678-679; 680-681; 682-683; 684-685; 686-687; 688-689; 690-691; 692-693; 694-695; 696-697; 698-699; 700-701; 702-703; 704-705; 706-707; 708-709; 710-711; 712-713; 714-715; 716-717; 718-719; 720-721; 722-723; 724-725; 726-727; 728-729; 730-731; 732-733; 734-735; 736-737; 738-739; 740-741; 742-743; 744-745; 746-747; 748-749; 750-751; 752-753; 754-755; 756-757; 758-759; 760-761; 762-763; 764-765; 766-767; 768-769; 770-771; 772-773; 774-775; 776-777; 778-779; 780-781; 782-783; 784-785; 786-787; 788-789; 790-791; 792-793; 794-795; 796-797; 798-799; 800-801; 802-803; 804-805; 806-807; 808-809; 810-811; 812-813; 814-815; 816-817; 818-819; 820-821; 822-823; 824-825; 826-827; 828-829; 830-831; 832-833; 834-835; 836-837; 838-839; 840-841; 842-843; 844-845; 846-847; 848-849; 850-851; 852-853; 854-855; 856-857; 858-859; 860-861; 862-863; 864-865; 866-867; 868-869; 870-871; 872-873; 874-875; 876-877; 878-879; 880-881; 882-883; 884-885; 886-887; 888-889; 890-891; 892-893; 894-895; 896-897; 898-899; 900-901; 902-903; 904-905; 906-907; 908-909; 910-911; 912-913; 914-915; 916-917; 918-919; 920-921; 922-923; 924-925; 926-927; 928-929; 930-931; 932-933; 934-935; 936-937; 938-939; 940-941; 942-943; 944-945; 946-947; 948-949; 950-951; 952-953; 954-955; 956-957; 958-959; 960-961; 962-963; 964-965; 966-967; 968-969; 970-971; 972-973; 974-975; 976-977; 978-979; 980-981; 982-983; 984-985; 986-987; 988-989; 990-991; 992-993; 994-995; 996-997; 998-999; 1000-1001; 1002-1003; 1004-1005; 1006-1007; 1008-1009; 1010-1011; 1012-1013; 1014-1015; 1016-1017; 1018-1019; 1020-1021; 1022-1023; 1024-1025; 1026-1027; 1028-1029; 1030-1031; 1032-1033; 1034-1035; 1036-1037; 1038-1039; 1040

Metallin - General Metal Ions; Metal Ion Pathways *1311
 AN Huminins *4813
 IT Major Concepts
 Cell Biology; Metallin; Pharmacology; Pharmacology
 IT Chemicals & Biochemicals
 Daily using; green tea extracts; mixtures; iron; malonaldehyde;
 oxidation
 ORGN Super Taxa
 Huminins; Primates; Mammals; Vertebrates; Mammals; Animals
 ORGN Organism Name
 Junkat cell line (Huminins); T cells; alpha-lipoic acid; iron;
 iron-induced oxidative damage; lipid peroxidation
 ORGN Organism Superterms
 Animals; Chordates; Humans; Mammals; Primates; Vertebrates
 RN 7439-89-6 (IRON)
 642-78-9 (MALONDIALDEHYDE)
 IT ANSWER 3 OF 7 BIOSIS COPYRIGHT 2001 BIOSIS DUPLICATE 3
 AN 1999:34772 BIOSIS
 DN PREV199900034772
 TI Selenium enrichment of tea from some areas of China.
 AU Wang, Meizhu (1)
 CS (1) Div. Selenium Res., Zhejiang Agric. Univ., Hangzhou 310029 China
 SO Journal of Plant Nutrition, (Dec., 1998) Vol. 21, No. 12, pp. 2557-2564.
 ISSN: 0190-4167.
 DT Article
 LA English
 AB The levels of selenium (Se) in soils and rocks and Se ***enrichment***
 of tea as well as factors affecting Se ***extraction*** rate from tea
 were studied. The Se content for 133 tea samples varied from 0.021 to
 0.774 mg kg⁻¹ with a minimum value of 0.017 mg Se kg⁻¹, while some other
 teas had a maximum value of 4.32 mg Se kg⁻¹. The Se content of tea was in
 a logarithmic normal distribution and its geometric mean value was 0.120
 mg Se kg⁻¹. The Se content of soil parent materials and rocks were highly
 correlated with the Se content in tea leaves. Rock stratum rich in Se
 occurred in Paleozoic siliceous shales and carbonaceous-siliceous shales
 of the Permian, Ordovician, and Cambrian periods. Total Se
 extraction rate of tea in three ***extractions*** was 25.6%
 (black tea and ***green*** ***tea*** were 24.9% and 26.2%,
 respectively), and the ***extraction*** rate for the first, second,
 and third times were 50.9%, 27.3%, and 21.8% of the total Se
 extracted, respectively. Based on factors, such as the Se content
 in tea, daily quantity of tea drunk, Se ***extraction*** rate of tea,
 and the normal Se dietary requirement, we would suggest that the Se index
 for tea rich in Se is within the range from 0.40 to 1.55 mg Se kg⁻¹.
 CC Horticulture - Tropical and Subtropical Fruits and Nuts; Plantation Crops
 *53064
 Nutrition - Minerals *13206
 Plant Physiology, Biochemistry and Biophysics - Nutrition *51504
 EC Theaceae 26945
 IT Major Concepts
 Horticulture (Agriculture); Nutrition
 IT Chemicals & Biochemicals
 Selenium: enrichment, fertilizer
 JT China (Palearctic region)
 ORGN Super Taxa
 Theaceae; Dicotyledoneae; Angiospermae; Spermatophyta; Plantae
 ORGN Organism Name
 tea (Theaceae); crop
 ORGN Organism Superterms
 Angiosperma; Dicotyl; Plantae; Spermatophytes; Vascular Plants
 RN 7439-89-6 (IRON)
 IT ANSWER 4 OF 7 BIOSIS COPYRIGHT 2001 BIOSIS DUPLICATE 4
 AN 1999:34772 BIOSIS
 DN PREV199900034772
 TI Selenium enrichment of tea from some areas of China.
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 CC Horticulture - Tropical and Subtropical Fruits and Nuts; Plantation Crops
 *53064
 Nutrition - Minerals *13206
 Plant Physiology, Biochemistry and Biophysics - Nutrition *51504
 EC Theaceae 26945
 IT Major Concepts
 Horticulture (Agriculture); Nutrition
 IT Chemicals & Biochemicals
 Selenium: enrichment, fertilizer
 JT China (Palearctic region)
 ORGN Super Taxa
 Theaceae; Dicotyledoneae; Angiospermae; Spermatophyta; Plantae
 ORGN Organism Name
 tea (Theaceae); crop
 ORGN Organism Superterms
 Angiosperma; Dicotyl; Plantae; Spermatophytes; Vascular Plants
 RN 7439-89-6 (IRON)
 IT ANSWER 5 OF 7 BIOSIS COPYRIGHT 2001 BIOSIS DUPLICATE 5
 AN 1999:34772 BIOSIS
 DN PREV199900034772
 TI Selenium enrichment of tea from some areas of China.
 AU Wang, Meizhu (1)
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 were studied. The Se content for 133 tea samples varied from 0.021 to
 0.774 mg kg⁻¹ with a minimum value of 0.017 mg Se kg⁻¹, while some other
 teas had a maximum value of 4.32 mg Se kg⁻¹. The Se content of tea was in
 a logarithmic normal distribution and its geometric mean value was 0.120
 mg Se kg⁻¹. The Se content of soil parent materials and rocks were highly
 correlated with the Se content in tea leaves. Rock stratum rich in Se
 occurred in Paleozoic siliceous shales and carbonaceous-siliceous shales
 of the Permian, Ordovician, and Cambrian periods. Total Se
 extraction rate of tea in three ***extractions*** was 25.6%
 (black tea and ***green*** ***tea*** were 24.9% and 26.2%,
 respectively), and the ***extraction*** rate for the first, second,
 and third times were 50.9%, 27.3%, and 21.8% of the total Se
 extracted, respectively. Based on factors, such as the Se content
 in tea, daily quantity of tea drunk, Se ***extraction*** rate of tea,
 and the normal Se dietary requirement, we would suggest that the Se index
 for tea rich in Se is within the range from 0.40 to 1.55 mg Se kg⁻¹.
 CC Horticulture - Tropical and Subtropical Fruits and Nuts; Plantation Crops
 *53064
 Nutrition - Minerals *13206
 Plant Physiology, Biochemistry and Biophysics - Nutrition *51504
 EC Theaceae 26945
 IT Major Concepts
 Horticulture (Agriculture); Nutrition
 IT Chemicals & Biochemicals
 Selenium: enrichment, fertilizer
 JT China (Palearctic region)
 ORGN Super Taxa
 Theaceae; Dicotyledoneae; Angiospermae; Spermatophyta; Plantae
 ORGN Organism Name
 tea (Theaceae); crop
 ORGN Organism Superterms
 Angiosperma; Dicotyl; Plantae; Spermatophytes; Vascular Plants
 RN 7439-89-6 (IRON)

JYA HONG KONG
 J PHARMACOLOGICAL RESEARCH, JUN 1997, VOL. 31, NO. 6, PP. 109-111.
 Publisher: ACADEMIC PRESS LTD, 14-15 AVAIL RD, DORDON, ENGLAND WOX 7TW.
 ISSN: 1443-661X.
 DT Article; J. Anal.
 DT LIFE
 LA English
 AB* Abstracted in: MEDLINE
 AB Chinese teas with different degrees of fermentation were examined for their effect on diet-induced hypercholesterolemia in rats. The teas tested were Chinese ***green***, ***white***, ***black***, Jasmine, Iron Pu-erh, Oolong and Pu-erh. Hypercholesterolemia was induced by feeding rats with a cholesterol- ***enriched*** diet for 1 week. They were then treated with different tea ***extracts*** together with a cholesterol- ***enriched*** diet for another 8 weeks. Chinese ***green***, ***white*** and Jasmine tea, both with a minimum degree of fermentation, were found to have significant serum and liver cholesterol lowering effects. They also reduced the increase in liver weight due to lipid deposition. All tea treatments lowered the atherogenic index and increased the HDL-total cholesterol ratio, while HDL-cholesterol and triglyceride levels were not significantly affected. Analysis of catechin levels in tea ***extracts*** showed that the individual catechin component in Chinese ***green***, ***white*** and Jasmine tea were significantly higher than the others. (-)-Epicatechin gallate and (-)-epigallocatechin gallate in the tea ***extracts*** may account for their hypocholesterolemic effect.
 (C) 1997 The Italian Pharmacological Society.
 CC PHARMACOLOGY & PHARMACY
 ST Author Keywords: hypercholesterolemia; tea; catechins
 STP KeyWords Plus (R): GREEN TEA; DENSITY-LIPOPROTEIN; LIPID-PEROXIDATION; RAT-LIVER; CHOLESTEROL; EXTRACT; SERUM; HYPERCHOLESTEROLEMIA; CONSUMPTION; METABOLISM
 RF 95-3463 002; CHOLESTERYL ESTER TRANSFER PROTEIN GENE; NATIVE PLASMA; DISTURBED HDL CONVERSION IN TANGIER DISEASE
 RE

Referenced Author (RAU)	Year (RPY)	VOL (RVL)	PG (RPG)	Referenced Work (RWK)
=====	=====	=====	=====	=====
ANDO T	1989	17	21	JB KANAGAWA DENT COLL
FOLCH J	1957	226	497	J BIOL CHEM
GLOMSET J A	1968	9	155	J LIPID RES
GRAHAM H N	1992	21	1334	PREV MED
HERTOG M G	1993	342	1301	LANCET
HO C T	1992	21	1520	PREV MED
HOFMANN A F	1964	43	247	J CLIN INVEST
IKEDA I	1992	1127	141	BIOCHIM BIOPHYS ACTA
JACOBS N J	1960	98	1250	ARCH BIOCHEM BIOPHYS
KADA T	1985	150	127	MUTAT RES
LEE S Y	1991	49	1947	LIFE SCI
MATSUDA H	1986	17	1213	J ETHNOPHARMACOL
MIURA S	1995	19	1	BIOL PHARM BULL
MURAMATSU K	1986	32	1613	J NUTR SCI VITAMINOL
MYANT N B	1977	18	135	J LIPID RES
OLIVIER P	1988	70	1137	ATHEROSCLEROSIS
REAVEN G M	1990	229	415	J INTERN MED
ROHSCHLAW P	1974	12	1403	J CLIN CHEM KLIN BIO
SANO M	1995	19	1106	BIOL PHARM BULL
SANO M	1986	34	221	CHEM PHARM BULL
SEIBLER L	1981	27	939	CLIN CHEM
SHEFER S	1969	10	646	J LIPID RES
STENSVOED I	1977	21	646	PREV MED
TALL A R	1991	26	379	J CLIN INVEST
UMEDA M	1993	26	144	J ETHNOPHARMACOL
WANG Y Y	1995	19	74	DRUG METAB PHARMAC
YAMAMOTO Y	1991	2	11	BIOL PHARM BULL
YAMAMOTO M	1991	2	11	AD INTRINSICALLY
YOSHIDA K	1991	17	14	BIOL PHARM BULL

1. ANDO T, FOLCH J, GLOMSET J A, GRAHAM H N, HERTOG M G, HO C T, HOFMANN A F, IKEDA I, JACOBS N J, KADA T, LEE S Y, MATSUDA H, MIURA S, MURAMATSU K, MYANT N B, OLIVIER P, REAVEN G M, ROHSCHLAW P, SANO M, SANO M, SEIBLER L, SHEFER S, STENSVOED I, TALL A R, UMEDA M, WANG Y Y, YAMAMOTO Y, YAMAMOTO M, YOSHIDA K.
 2. ANDO T, FOLCH J, GLOMSET J A, GRAHAM H N, HERTOG M G, HO C T, HOFMANN A F, IKEDA I, JACOBS N J, KADA T, LEE S Y, MATSUDA H, MIURA S, MURAMATSU K, MYANT N B, OLIVIER P, REAVEN G M, ROHSCHLAW P, SANO M, SANO M, SEIBLER L, SHEFER S, STENSVOED I, TALL A R, UMEDA M, WANG Y Y, YAMAMOTO Y, YAMAMOTO M, YOSHIDA K.
 3. ANDO T, FOLCH J, GLOMSET J A, GRAHAM H N, HERTOG M G, HO C T, HOFMANN A F, IKEDA I, JACOBS N J, KADA T, LEE S Y, MATSUDA H, MIURA S, MURAMATSU K, MYANT N B, OLIVIER P, REAVEN G M, ROHSCHLAW P, SANO M, SANO M, SEIBLER L, SHEFER S, STENSVOED I, TALL A R, UMEDA M, WANG Y Y, YAMAMOTO Y, YAMAMOTO M, YOSHIDA K.

[illegible]

in cholesterol and the decline of cholesterol in liver. Chylomicronemia, but
 could not prevent increases in serum triglycerides and cholesterol density
 lipoprotein cholesterol. As for liver cholesterol, its content,
 particularly free cholesterol, in liver for the atherogenic diet could be
 prevented from increasing by treatment with the ***extract*** at 30
 and 100 mg/kg/day. In addition, the increase of cholesterol in liver,
 particularly esterified cholesterol, could be prevented in a dose-related
 manner. These results support that ***green*** ***tea*** has
 anti-atherosclerotic activity.

BC Biochemical Studies - General 10060
 Biochemical Studies - Lipids 10060
 Biochemical Studies - Sterols and Steroids 10060
 Pathology, General and Miscellaneous - Therapy 12612
 Nutrition - Pathogenic Diets *13216
 Digestive System - Pathology *14006
 Cardiovascular System - Blood Vessel Pathology *14508
 Pharmacology - Cardiovascular System *22110
 Plant Physiology, Biochemistry and Biophysics - Chemical Constituents
 91522
 Pharmacognosy and Pharmaceutical Botany *54000

BC Theaceae 26945
 Moridae 86375

IT Miscellaneous Descriptors
 ANTIATHEROGENIC AGENT CHOLESTEROL LINOLEIC ACID CHOLIC ACID

RN 57-88-5 (CHOLESTEROL)
 60-33-3 (LINOLEIC ACID)
 81-25-4 (CHOLIC ACID)

LT ANSWER 7 OF 7 BIOSIS COPYRIGHT 2001 BIOSIS
 AN 1982:142394 BIOSIS
 DN BA73:2378
 TI METHODS FOR THE RATIONAL UTILIZATION OF THE BYPRODUCTS OF TEA PRODUCTION.
 AU DZNELADZE Z YU
 SO SUBTROP KULT', (1985) 3 (1), 41-45.
 CODEN: SUKWA8. ISSN: 0491-4031.
 FS BA; OLD
 LA Russian
 AB Control processing of the agriculturally harvested tea leaf for black and
 green ***tea*** was conducted in order to study the mechanical
 and chemical composition of tea byproducts (petioles, rhizomes, blades and
 powder). By means of rational tea byproduct utilization (in which black
 tea is ***enriched*** by introducing a mixture of tea
 extractives and sugar into the tea mass in the rolling process), a
 series of very important problems (involving increasing the quality of
 Soviet tea, expanding the assortment of tea products and creating
 conditions for waste-free tea production) can be resolved simultaneously.

CC Comparative Biochemistry, General 10010
 Biochemical Methods - General 10050
 Biochemical Studies - General 10060
 Biochemical Studies - Carbohydrates 10068
 External Effects - Physical and Mechanical Effects 10612
 Food Technology - General; Methods 13502
 Food Technology - Malts, Brews and Other Fermentation Products *13512
 Food Technology - Evaluations of Physical and Chemical Properties *13530
 Food Technology - Preparation, Processing and Storage *13532
 Morphology, Anatomy and Embryology of Plants 81000
 Plant Physiology, Biochemistry and Biophysics - Chemical Constituents
 91522
 Horticulture - Tropical and Subtropical Fruits and Nuts; Plantation Crops
 93004

RI Theaceae 16948
 IT Microline in Pathology
 CHEMICAL COMPOSITION, QUALITY OF TEA

--- 11:11:11 ---

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NEWS 6 Apr 22 Records from IP.com available in CAPLUS, RCAPLUS, and ZCAPLUS
NEWS 7 Apr 22 BIOSIS Gene Names now available in TOXCENTER
NEWS 8 Apr 22 Federal Research in Progress (FEDRIE) now available
NEWS 9 Jun 03 New e-mail delivery for search results now available
NEWS 10 Jun 10 MEDLINE Reload
NEWS 11 Jun 10 PCFPULL has been reloaded
NEWS 12 Jul 02 FOREGE no longer contains STANDARDS file segment
NEWS 13 Jul 22 USAN to be reloaded July 28, 2002;
saved answer sets no longer valid
NEWS 14 Jul 29 Enhanced polymer searching in REGISTRY
NEWS 15 Jul 30 NETFIRST to be removed from STN
NEWS 16 Aug 08 CANCERLIT reload
NEWS 17 Aug 08 PHARMAMarketLetter(PHARMAML) - new on STN
NEWS 18 Aug 08 NTIS has been reloaded and enhanced
NEWS 19 Aug 09 JAPIO to be reloaded August 25, 2002
NEWS 20 Aug 19 Aquatic Toxicity Information Retrieval (AQUIRE)
now available on STN
NEWS 21 Aug 19 IFIPAT, IFICDB, and IFIUDB have been reloaded
NEWS 22 Aug 19 The MEDLINE file segment of TOXCENTER has been reloaded
NEWS 23 Aug 26 Sequence searching in REGISTRY enhanced

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CURRENT MACINTOSH VERSION IS V6.0a(ENG) AND V6.0Ja(JP),
AND CURRENT DISCOVER FILE IS DATED 05 FEBRUARY 2002

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=> e beta hydroxy beta methylbutyrate/cn

E1	1	BETA GLOBULIN/CN
E2	1	BETA GLOBULINS/CN
E3	0 -->	BETA HYDROXY BETA METHYL BUTYRATE/CN
E4	1	BETA III/CN
E5	1	BETA LACTAMASE (PLASMID PB8RIMCS-4)/CN
E6	1	BETA LACTAMASE (XANTHOMONAS AXONOPODIS CITRI STRAIN 306 GENE BLA)/CN
E7	1	BETA LACTAMASE (XANTHOMONAS CAMPESTRIS CAMPESTRIS STRAIN ATC C33913 GENE BLA)/CN
E8	1	BETA LACTAMASE PRECURSOR (AQUIFEX AEOLICUS GENE CPH1)/CN
E9	1	BETA LACTAMASE PRECURSOR (AQUIFEX AEOLICUS GENE CPH2)/CN
E10	1	BETA LACTAMASE PROTEIN (RALSTONIA SOLANACEARUM STRAIN GM100 9 GENE RSC0258)/CN
E11	1	BETA LACTAMASE-RELATED PROTEIN (DEINOCOCCUS RADIOURANS STRA IN R1 GENE DRAC241)/CN
E12	1	BETA LACTO GLOBULINS/CN

=> e beta-hydroxy beta-methylbutyrate/cn

E1	1	BETA-HEXOSAMINIDASE A PRECURSOR 530-AMINO ACID (DICTYOSTELIUM M DISCOIDEUM STRAIN AX4 CHROMOSOME 2 MAP 5315525-5333243)/CN
E2	1	BETA-HEXOSAMINIDASE PRECURSOR (XYLELLA FASTIDIOSA GENE XPE84 7)/CN
E3	0 -->	BETA-HYDROXY BETA-METHYL BUTYRATE/CN
E4	1	BETA-HYDROXY-BETA-(2,5-DIMETHOXYPHENOL)-ISOPROPYLAMINE HYDRO CHLORIDE/CN
E5	1	BETA-HYDROXY BETA-AMINE DEHYDRATASE (ARABIDOPSIS THALIANA GENE AT1G17310)/CN
E6	1	BETA-HYDROXY BETA-AMINE DEHYDRATASE (STREPTOCOCCUS THERMOPHILUS ATCC 25261 GENE DHDH1)/CN
E7	1	BETA-HYDROXY BETA-AMINE DEHYDRATASE (STREPTOCOCCUS THERMOPHILUS ATCC 25261 GENE DHDH2)/CN
E8	1	BETA-HYDROXY BETA-AMINE DEHYDRATASE (STREPTOCOCCUS THERMOPHILUS ATCC 25261 GENE DHDH3)/CN
E9	1	BETA-HYDROXY BETA-AMINE DEHYDRATASE (STREPTOCOCCUS THERMOPHILUS ATCC 25261 GENE DHDH4)/CN
E10	1	BETA-HYDROXY BETA-AMINE DEHYDRATASE (STREPTOCOCCUS THERMOPHILUS ATCC 25261 GENE DHDH5)/CN

1. *Chlorophyll a* and *Chlorophyll b* were determined by the method of Arar and Collins (1971).

[illegible]

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=> a beta-hydroxy beta-methylbutyrate

$$= \frac{1}{2} \left(\frac{1}{2} + \frac{1}{2} \right) = \frac{1}{2}$$

YOU HAVE REQUESTED DATA FROM 38 ANSWERS - CONTINUE? Y/(N):

11 ANSWER 1 OF 39 CAPLINS COPYRIGHT 2002 ACS
AN 2002:299:661 CAPLINS
TI Reversal of cancer-related wasting using oral supplementation with a
combination of L-***beta***-***hydroxy***-***beta***-
methylcrotonate, arginine, and glutamine
AU May, Patricia E;Burke, Barker, Annabel; DiGirola, James T.; Harrington,
Amy; Anderson, Neil W.
AF Department of Dermatology, Veterans Affairs Medical Center, Reno, NV,
USA, USA
J American Journal of Clinical Nutrition 2002; 75:1-10
PMID: 11978949; ISSN: 0002-9166
PB Expert's Medical, Inc.
CI Clinical
LA English
DT 10/1/2002
AB L-***beta***-***hydroxy***-***beta***-***methylcrotonate***, arginine, and glutamine

accelerated protein breakdown and slowed protein synthesis. The
 HB thesis proposed in this study is that supplementation of specific
 nutrients known to p.d. sup. of protein synthesis and reduce protein
 breakdown will reverse the cachexia process in advanced cancer
 patients. Methods: Patients with solid tumors who had demonstrated a wt.
 loss of at least 10% were considered for the study. Patients were randomly
 assigned to a 4-week trial of either HMB/Arg/Gln or control
 next to experimental amino acids in an explicit treatment group.

****x**** = ****y**** = ****x**** = ****y****
 14 g/d, L-arginine (14 g/d), and L-glutamine (14 g/d) (HMB/Arg/Gln). The
 primary outcome measures were the change in body mass and fat-free mass
 (FFM), which were assessed at 0, 4, 8, 12, 16, 20, and 24 wk. Results:
 Thirty-two patients (14 control, 18 HMB/Arg/Gln) were evaluated at the
 4-wk visit. The patients supplemented with HMB/Arg/Gln gained 0.95 +/-
 0.66 kg of body mass in 4 wk, whereas control subjects lost 0.26 +/- 0.78
 kg during the same time period. This gain was the result of a significant
 increase in FFM in the HMB/Arg/Gln-supplemented group (1.12 +/- 0.68 kg),
 whereas the subjects supplemented with the control lost 1.34 +/- 0.78 kg
 of FFM (P = 0.02). The response to 24-wk of supplementation was evaluated
 by an intent-to-treat statistical anal. The effect of HMB/Arg/Gln on FFM
 increase was maintained over the 24 wk (1.60 +/- 0.98 kg; quadratic
 contrast over time, P < 0.05). There was no neg. effect of treatment on
 the incidence of adverse effects or quality of life measures. Conclusions:
 The mixt. of HMB/Arg/Gln was effective in increasing FFM of advanced
 (stage IV) cancer. The exact reasons for this improvement will require
 further investigation, but could be attributed to the obsd. effects of HMB
 on slowing rates of protein breakdown, with improvements in protein
 synthesis obsd. with arginine and glutamine.

RE.CNT 69 THERE ARE 69 CITED REFERENCES AVAILABLE FOR THIS RECORD
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- (42) Knaflitz, M; J Clin Nutr 1999, V69, P111 MEDLINE

- 01 ANSWER 1 OF 38 CAPLUS COPYRIGHT 2002 ACS
 02 20021116R3 CAPLUS
 03 1361401844
 04 Ergogenic aids: benefits
 05 Molerio, J. M. Avendaño
 06 Servicios Médicos, Federación Española de Atletismo, Spain.
 07 Nutrición Clínica y Dietética Hospitalaria (2002), 11(4), 41-43
 08 ISSN: NUTRINF; ISSN: 0211-6057
 09 Alpe Editores, S.A.
 10 Journal: General Review
 11 Spanish
 12 18-3 (Animal Nutrition)
 13 Section order-reference(s): 13
 14 A review. The topics include history and concept of ergogenic supplement use for enhancing phys. exercise performance, types of dietary, pharmacol., physiol. and psychol. enhancers, mechanisms of action, and survey of permitted substances with possible ergogenic effects (vitamins B, C and E, beta-carotene, Na, Ca, Mg, coenzyme, glutathione, N-acetylcysteine, caffeine, amino acids, Na bicarbonate, Na citrate, Na phosphate, creatine, n-3 fatty acids, choline, carnitine, glycerol, inulin, ...). ***** - ***** - ***** -
 ***** , immunostimulant.
 15 review nutrition ergogenic supplement exercise performance
 16 Exercise
 17 Human
 18 Nutrition, animal
 19 dietary ergogenic supplements and their benefits in improving exercise performance in humans
 20 Diet
 21 supplements: dietary ergogenic supplements and their benefits in improving exercise performance in humans
 22 01 1361401844R3 CAPLUS 02021116R3 CAPLUS 03 1361401844R3 CAPLUS
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20. Green, P: *Endocrinol Metab* 1997, Vol. 1, P141 CAPLUS
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25. Williams, M: *Journal of Sports Sciences* 1995, Vol. 13, P863
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L1 ANSWER 3 OF 39 CAPLUS COPYRIGHT 2002 ACS

AN 2002:76782 CAPLUS

DN 136:262517

TI Short-term . ***beta*** .- ***hydroxy*** .- ***beta*** .-
 methylbutyrate supplementation does not reduce symptoms of
 eccentric muscle damage

AU Paddon-Jones, Douglas; Keech, Andrew; Jenkins, David

CS The University of Queensland, Brisbane, 4072, Australia

SO International Journal of Sport Nutrition and Exercise Metabolism (2001),
 11(4), 442-450

CODEN: IJNSNA; ISSN: 1526-484X

PR Human Kinetics Publishers, Inc.

DT Journal

LA English

CC 19-5 (Animal Nutrition)

AB Purpose: We examd. the effects of short-term . ***beta*** .-
 hydroxy .- . ***beta*** .- . ***methylbutyrate*** (HMB)
 supplementation on symptoms of muscle damage following an acute bout of
 eccentric exercise. Methods: Non-resistance trained subjects were
 randomly assigned to a HMB supplement group (HMB, 40mg/kg bodyweight/day,
 n=9) or placebo group (CON, n=9). Supplementation commenced 6 days prior
 to a bout of 24 maximal isokinetic eccentric contractions of the elbow
 flexors and continued throughout post-testing. Muscle soreness, upper arm
 girth, and torque measures were assessed pre-exercise, 15 min
 post-exercise, and 1, 2, 3, 4, 7, and 10 days post-exercise. Results: No
 pre-test differences between HMB and CON groups were identified, and both
 performed a similar amt. of eccentric work during the main eccentric
 exercise bout (p>.05). HMB supplementation had no effect on swelling,
 muscle soreness, or torque following the damaging eccentric exercise bout
 (p>.05). Conclusion: Compared to a placebo condition, short-term
 supplementation with 40mg/kg bodyweight/day of HMB had no beneficial
 effect on a range of symptoms associ. with eccentric muscle damage. If
 HMB can produce an ergogenic response, a longer pre-exercise
 supplementation period may be necessary.

BT hydroxymethylbutyrate supplementation eccentric exercise muscle damage

BT Exercise

[eccentric; short-term . ***beta*** .- . ***hydroxy*** .-
 . ***beta*** .- . ***methylbutyrate*** supplementation does not reduce
 symptoms of eccentric muscle damage]

BT Muscle, the arm

[short-term . ***beta*** .- . ***hydroxy*** .- . ***beta*** .-
 . ***methylbutyrate*** supplementation does not reduce symptoms of
 eccentric muscle damage]

BT Human

[short-term . ***beta*** .- . ***hydroxy*** .- . ***beta*** .-
 . ***methylbutyrate*** supplementation does not reduce symptoms of
 eccentric muscle damage]

[short-term . ***beta*** .- . ***hydroxy*** .- . ***beta*** .-
 . ***methylbutyrate*** supplementation does not reduce symptoms of
 eccentric muscle damage]

BT Title

Supplementation in at least ***beta*** - ***hydroxy*** -
 beta - ***methoxybutyrate*** supplementation does not reduce
 symptoms of exertion muscle damage.
 TI 605-18-1, 3-Hydroxy-xy-methoxybutyrate
 AU: RSC Biological Study, Unpublished; RSC Biological Study
 In at least ***beta*** - ***hydroxy*** - ***beta*** -
 methoxybutyrate supplementation does not reduce symptoms of
 exertion muscle damage.

RE: INT 11 THERE ARE 11 CITED REFERENCES AVAILABLE FOR THIS REPORT
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L1 ANSWER 4 OF 39 CAPLUS COPYRIGHT 2002 ACS

AN 2001:776808 CAPLUS

DN 136:293185

TI Influence of HMB (. ***beta*** .- ***hydroxy*** .- ***beta*** .-
 methoxybutyrate) on antibody secreting cells (ASC) after in vitro
 and in vivo immunization with the anti-Yersinia ruckeri vaccine of rainbow
 trout (Oncorhynchus mykiss)

AU Siwicki, Andrzej K.; Morand, Marc; Fuller, John C., Jr.; Nissen, Steven;
 Kazun, Krzysztof; Glombki, Edward

CS Department of Microbiology and Clinical Immunology, Faculty of Veterinary
 Medicine, University in Olsztyn, Olsztyn, 10-917, Pol.

SO Veterinary Research (2001), 32(5), 491-498

CODEN: VEREEM; ISSN: 0928-4249

PB EDP Sciences

DT Journal

LA English

CC 15-3 (Immunochemistry)

Section cross-references: 12

AB In practice, protection of fish against disease by immunization is of
 limited effectiveness. Therefore, research is concd. on how to improve

<-----User Break----->

each in 35 mm sterile wells with medium contg. HMB at concns. of 0, 0.1,
 1, 5, 10, 25, 50 or 100 µmole/mL of medium. The spleens from 80 fish were
 injected with the vaccine and incubated at 14 °degree.C for 10 days. For
 the in vivo study, fish were fed pellets contg. HMB at doses of 0, 10, 25
 and 50 mg/kg bw per day. After 2 wk of HMB supplementation, the fish were
 immunized by i.p. injection of the vaccine. At 7, 14, 18, 21, 28 and 35
 days after immunization, 10 fish were taken from each fish in each of the
 10 treatments. When analysed by the ELISOT assay, HMB increased the level
 of anti-ASC after in vitro immunization at doses between 1 and 100
 µmole/mL in vitro. After 2 wk of HMB supplementation, the level of
 anti-ASC after in vivo immunization was significantly higher than the
 control. In the present study it was found that HMB increased the level of
 anti-ASC after in vitro and in vivo immunization of fish with
 the anti-Yersinia ruckeri vaccine.

TI 605-18-1, 3-Hydroxy-xy-methoxybutyrate Yersinia ruckeri
 immunization and in vivo immunization of fish with the anti-Yersinia ruckeri vaccine

TI 605-18-1

[illegible]

© 2000 Blackwell Science Ltd, *Journal of Internal Medicine* 247: 395–402

DI ANSWER TO S. CASLIN'S INQUIRY RE: LIL ABN
AN 1-18-76 CASLIN
IN 1-20-76
FI Method of determining myoglobinemia by means of a micro-
analytical method - independent of state
IN Nieren, Steven L.
LA Iowa State University Research Foundation, Inc., USA
SU U.S.A.
CODEN: TEXNAM
DI Patent
LA English
IS ICM A61K31-19
NCL B14B57110
CC 1-11 (Pharmacology)
FAMINT:

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	-----	----	-----	-----	-----
PI	US 6291525	B1	20010918	US 1999-391930	19990909
AB	<p>The invention provides a method for improving a human's perception of his emotional state. The method comprises administering .beta.-hydroxy-.beta.-methylbutyric acid to the human in an amt. sufficient to improve his perception of his emotional state. The method can further comprise co-administering arginine and glutamine and/or engaging the human in non-resistance training.</p>				
ST	arginine glutamine hydroxymethylbutyrate emotional state perception				
IT	AIDS (disease)				
	Beverages				
	Drug delivery systems				
	Emotion				
	(.beta.-hydroxy-.beta.-methylbutyric acid for improving human perception of emotional state)				
IT	<p>56-88-9, Glutamine, biological studies 74-79-3, Arginine, biological studies 625-08-1 625-08-10, chromium complex 625-08-10, esters, lactones, and salts 1923-52-5 6149-45-7 3440-47-3D, Chromium, ***.beta.*** - ***hydroxy*** - ***.beta.*** - ***methylbutyrate*** complex, biological studies 18267-36-2 135236-72-5 155206-13-6 155206-14-7 159804-18-9</p>				
RL:	BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); THU (Therapeutic use); BIOL (Biological study); USES (Uses)				

RE. CNT : THERE ARE 1 CITED REFERENCES AVAILABLE FOR THIS RECORD

(1) Mero, A: Sports Medicine 1999, V27/6, P347

1 ANSWER 9 OF 39 CAPLUS CAPLUS COPYRIGHT 2002 ACS
 2 AN 2001:522632 CAPLUS
 3 EN 135:226329
 4 TI Body composition in 70-year-old adults responds to dietary . ***beta***
 5 .- ***hydroxy*** .- ***beta*** .- ***methylbutyrate*** similarly to
 6 that of young adults
 7 AU Yukovich, Matthew D.; Stubbs, Nancy R.; Rohken, Ruth M.
 8 OR South Dakota State University, Brookings, SD, 57007, USA
 9 SO Journal of Nutrition (2001), 131(7), 2049-2052
 10 CODEN: JONVAI; ISSN: 0022-3166
 11 AB American Society for Nutritional Sciences
 12 JT Journal
 13 LA English
 14 DT Letter
 15 AD Nutrition
 16 AD Nutrition
 17 AD Nutrition
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 39 AD Nutrition

RNA levels were measured before the study and immediately after the 8-week treatment period. HMB supplementation tended to increase fat-free mass gain. HMB, 1.5--3.0 g/d placed, -0.01--0.03 kg treatment (tired, time, 1--8 weeks). Furthermore, HMB supplementation increased the percentage of body fat loss (gain fold: HMB, -0.00--0.03 kg placed, -0.01--0.03 kg placed, 1--8 weeks compared with the placebo group). All values are indicated as mean \pm SEM.

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E3	3 -->	BETA-HYDROXY-BETA-METHYLBUTYRATE/CN
E4	1	BETA-HYDROXYACYL-ACP DEHYDRATASE (ARABIDOPSIS THALIANA GENE AT2G22230)/CN
E5	1	BETA-HYDROXYACYL-ACP DEHYDRATASE (STREPTOCOCCUS PYOGENES STRAIN MGAS315 GENE FABZ)/CN
E6	1	BETA-HYDROXYACYL-ACP DEHYDRATASE (STREPTOCOCCUS PYOGENES STRAIN SF370 GENE FABZ)/CN
E7	1	BETA-HYDROXYACYL-ACP DEHYDRATASE (STREPTOCOCCUS PYOGENES STRAIN MGAS8232 GENE SPY18-1819)/CN
E8	1	BETA-HYDROXYBUTYRYL-COA DEHYDROGENASE NAD-DEPENDENT (CLOSTRIDIUM PERFRINGENS STRAIN 13 GENE CPE2297)/CN
E9	1	BETA-HYDROXYBUTYRYL-COA DEHYDROGENASE RELATED PROTEIN (THERMOPLASMA ACIDOPHILUM STRAIN DSM1728 GENE TAC947)/CN
E10	1	BETA-HYDROXYDECANOYL THIOESTER DEHYDRASE (ESCHERICHIA COLI STRAIN O157:H7 GENE ECS1038)/CN
E11	1	BETA-HYDROXYDECANOYL THIOESTER DEHYDRASE (TRANS-2-DECENOYL-ACP ISOMERASE) (SALMONELLA ENTERICA TYPHIMURTIUM STRAIN LT2; S GSC 1412; ATCC 700720 GENE FABA)/CN
E12	1	BETA-HYDROXYDECANOYL THIOESTER DEHYDRASE, TRANS-2-DECENOYL-ACP ISOMERASE (ESCHERICHIA COLI O157:H7 STRAIN ECL933 GENE FABA)/CN

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E1	1	BETAHISTINE/BI
E2	1	BETAHYDROXY/BI
E3	--	BETAHYDROXY BETAMETHYLBUTYRATE/BI
E4	1	BETAHYDROXYMELANINE/BI
E5	1	BETAIC/BI
E6	1	BETAINE/BI
E7	1	BETAINE/BI
E8	1	BETAINE/BI
E9	1	BETAINE/BI
E10	1	BETAINE/BI
E11	1	BETAINE/BI
E12	1	BETAINE/BI

-> e betahydroxy betamethylbutyrate/cn

E1	1	BETAHISTINE MESYLATE/CN
E2	1	BETAHISTINE N-OXIDE/CN
E3	0 -->	BETAHYDROXY BETAMETHYLBUTYRATE/CN
E4	1	BETAINE/CN
E5	1	BETAINE 2-METHYL-3-(3-SULFOPROPYL)BENZOTHAZOLIUM/CN
E6	1	BETAINE 3,4-DIMETHYLPHENYL IODONIOACETYL CARBETHOXYMETHANE/CN
E7	1	BETAINE 30/CN
E8	1	BETAINE AAB/CN
E9	1	BETAINE ABC TRANSPORTER ATP BINDING PROTEIN (LACTOCOCCUS LACTIS LACTIS STRAIN IL1403 GENE BUSAA)/CN
E10	1	BETAINE ABC TRANSPORTER PERMEASE AND SUBSTRATE BINDING PROTEIN (LACTOCOCCUS LACTIS LACTIS STRAIN IL1403 GENE BUSAB)/CN
E11	1	BETAINE ALDEHYDE/CN
E12	1	BETAINE ALDEHYDE DEHYDROGENASE/CN

=> e beta-hydroxy-methyl butyrate/cn

E1	1	BETA-HEXOSAMINIDASE PRECURSOR (XYLELLA FASTIDIOSA GENE XFC847)/CN
E2	1	BETA-HYDROXY-BETA-(2,5-DIMETHOXYPHENOL)-ISOPROPYLAMINE HYDROCHLORIDE/CN
E3	0 -->	BETA-HYDROXY-METHYL BUTYRATE/CN
E4	1	BETA-HYDROXYACYL-ACP DEHYDRATASE (ARABIDOPSIS THALIANA GENE AT2G22230)/CN
E5	1	BETA-HYDROXYACYL-ACP DEHYDRATASE (STREPTOCOCCUS PYOGENES STRAIN MGAS315 GENE FABZ)/CN
E6	1	BETA-HYDROXYACYL-ACP DEHYDRATASE (STREPTOCOCCUS PYOGENES STRAIN SF370 GENE FABZ)/CN
E7	1	BETA-HYDROXYACYL-ACP DEHYDRATASE (STREPTOCOCCUS PYOGENES STRAIN MGAS8232 GENE SPYM18-1918)/CN
E8	1	BETA-HYDROXYBUTYRYL-COA DEHYDROGENASE NAD-DEPENDENT (CLOSTRIDIUM PERFRINGENS STRAIN 13 GENE CPE2297)/CN
E9	1	BETA-HYDROXYBUTYRYL-COA DEHYDROGENASE RELATED PROTEIN (THERMOPHILUS ACIDOPHILUM STRAIN DSM1728 GENE TA0947)/CN
E10	1	BETA-HYDROXYDECANOYL THIOESTER DEHYDRASE (ESCHERICHIA COLI STRAIN O157:H7 GENE EDC1038)/CN
E11	1	BETA-HYDROXYDECANOYL THIOESTER DEHYDRASE (TRANS-2-DECENOYL-ACP ISOMERASE) (SALMONELLA ENTERICA TYPHIMURUM STRAIN LT2; S EDC 1412; ATCC 14020 GENE FABA)/CN
E12	1	BETA-HYDROXYDECANOYL THIOESTER DEHYDRASE, TRANS-2-DECENOYL-ACP ISOMERASE (ESCHERICHIA COLI O157:H7 STRAIN EDL933 GENE FABA)/CN

=> e beta-hydroxy-beta-methylbutyrate

E1	1	BETA/BI
E2	1	BETA/BI
E3	--	BETA-HYDROXY-BETA-METHYLBUTYRATE/BI
E4	1	BETA/BI
E5	1	BETA/BI
E6	1	BETA/BI
E7	1	BETA/BI
E8	1	BETA/BI
E9	1	BETA/BI
E10	1	BETA/BI
E11	1	BETA/BI
E12	1	BETA/BI

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1. *Journal of the American Medical Association*, 1997; 277: 1039-1043.

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OF THE * OR F TO INDICATE THAT YOU ARE AN * OR F. (SEE INSTRUCTIONS ON
PAGE 1)

Figure 1. The effect of the concentration of the *Ag* on the *Ag* adsorption capacity of the *Ag*-*Ag*2S-*Ag*2S2O3-*Ag*2S2O4-*Ag*2S2O6-*Ag*2S2O8-*Ag*2S2O10-*Ag*2S2O12-*Ag*2S2O14-*Ag*2S2O16-*Ag*2S2O18-*Ag*2S2O20-*Ag*2S2O22-*Ag*2S2O24-*Ag*2S2O26-*Ag*2S2O28-*Ag*2S2O30-*Ag*2S2O32-*Ag*2S2O34-*Ag*2S2O36-*Ag*2S2O38-*Ag*2S2O40-*Ag*2S2O42-*Ag*2S2O44-*Ag*2S2O46-*Ag*2S2O48-*Ag*2S2O50-*Ag*2S2O52-*Ag*2S2O54-*Ag*2S2O56-*Ag*2S2O58-*Ag*2S2O60-*Ag*2S2O62-*Ag*2S2O64-*Ag*2S2O66-*Ag*2S2O68-*Ag*2S2O70-*Ag*2S2O72-*Ag*2S2O74-*Ag*2S2O76-*Ag*2S2O78-*Ag*2S2O80-*Ag*2S2O82-*Ag*2S2O84-*Ag*2S2O86-*Ag*2S2O88-*Ag*2S2O90-*Ag*2S2O92-*Ag*2S2O94-*Ag*2S2O96-*Ag*2S2O98-*Ag*2S2O100-*Ag*2S2O102-*Ag*2S2O104-*Ag*2S2O106-*Ag*2S2O108-*Ag*2S2O110-*Ag*2S2O112-*Ag*2S2O114-*Ag*2S2O116-*Ag*2S2O118-*Ag*2S2O120-*Ag*2S2O122-*Ag*2S2O124-*Ag*2S2O126-*Ag*2S2O128-*Ag*2S2O130-*Ag*2S2O132-*Ag*2S2O134-*Ag*2S2O136-*Ag*2S2O138-*Ag*2S2O140-*Ag*2S2O142-*Ag*2S2O144-*Ag*2S2O146-*Ag*2S2O148-*Ag*2S2O150-*Ag*2S2O152-*Ag*2S2O154-*Ag*2S2O156-*Ag*2S2O158-*Ag*2S2O160-*Ag*2S2O162-*Ag*2S2O164-*Ag*2S2O166-*Ag*2S2O168-*Ag*2S2O170-*Ag*2S2O172-*Ag*2S2O174-*Ag*2S2O176-*Ag*2S2O178-*Ag*2S2O180-*Ag*2S2O182-*Ag*2S2O184-*Ag*2S2O186-*Ag*2S2O188-*Ag*2S2O190-*Ag*2S2O192-*Ag*2S2O194-*Ag*2S2O196-*Ag*2S2O198-*Ag*2S2O200-*Ag*2S2O202-*Ag*2S2O204-*Ag*2S2O206-*Ag*2S2O208-*Ag*2S2O210-*Ag*2S2O212-*Ag*2S2O214-*Ag*2S2O216-*Ag*2S2O218-*Ag*2S2O220-*Ag*2S2O222-*Ag*2S2O224-*Ag*2S2O226-*Ag*2S2O228-*Ag*2S2O230-*Ag*2S2O232-*Ag*2S2O234-*Ag*2S2O236-*Ag*2S2O238-*Ag*2S2O240-*Ag*2S2O242-*Ag*2S2O244-*Ag*2S2O246-*Ag*2S2O248-*Ag*2S2O250-*Ag*2S2O252-*Ag*2S2O254-*Ag*2S2O256-*Ag*2S2O258-*Ag*2S2O260-*Ag*2S2O262-*Ag*2S2O264-*Ag*2S2O266-*Ag*2S2O268-*Ag*2S2O270-*Ag*2S2O272-*Ag*2S2O274-*Ag*2S2O276-*Ag*2S2O278-*Ag*2S2O280-*Ag*2S2O282-*Ag*2S2O284-*Ag*2S2O286-*Ag*2S2O288-*Ag*2S2O290-*Ag*2S2O292-*Ag*2S2O294-*Ag*2S2O296-*Ag*2S2O298-*Ag*2S2O300-*Ag*2S2O302-*Ag*2S2O304-*Ag*2S2O306-*Ag*2S2O308-*Ag*2S2O310-*Ag*2S2O312-*Ag*2S2O314-*Ag*2S2O316-*Ag*2S2O318-*Ag*2S2O320-*Ag*2S2O322-*Ag*2S2O324-*Ag*2S2O326-*Ag*2S2O328-*Ag*2S2O330-*Ag*2S2O332-*Ag*2S2O334-*Ag*2S2O336-*Ag*2S2O338-*Ag*2S2O340-*Ag*2S2O342-*Ag*2S2O344-*Ag*2S2O346-*Ag*2S2O348-*Ag*2S2O350-*Ag*2S2O352-*Ag*2S2O354-*Ag*2S2O356-*Ag*2S2O358-*Ag*2S2O360-*Ag*2S2O362-*Ag*2S2O364-*Ag*2S2O366-*Ag*2S2O368-*Ag*2S2O370-*Ag*2S2O372-*Ag*2S2O374-*Ag*2S2O376-*Ag*2S2O378-*Ag*2S2O380-*Ag*2S2O382-*Ag*2S2O384-*Ag*2S2O386-*Ag*2S2O388-*Ag*2S2O390-*Ag*2S2O392-*Ag*2S2O394-*Ag*2S2O396-*Ag*2S2O398-*Ag*2S2O400-*Ag*2S2O402-*Ag*2S2O404-*Ag*2S2O406-*Ag*2S2O408-*Ag*2S2O410-*Ag*2S2O412-*Ag*2S2O414-*Ag*2S2O416-*Ag*2S2O418-*Ag*2S2O420-*Ag*2S2O422-*Ag*2S2O424-*Ag*2S2O426-*Ag*2S2O428-*Ag*2S2O430-*Ag*2S2O432-*Ag*2S2O434-*Ag*2S2O436-*Ag*2S2O438-*Ag*2S2O440-*Ag*2S2O442-*Ag*2S2O444-*Ag*2S2O446-*Ag*2S2O448-*Ag*2S2O450-*Ag*2S2O452-*Ag*2S2O454-*Ag*2S2O456-*Ag*2S2O458-*Ag*2S2O460-*Ag*2S2O462-*Ag*2S2O464-*Ag*2S2O466-*Ag*2S2O468-*Ag*2S2O470-*Ag*2S2O472-*Ag*2S2O474-*Ag*2S2O476-*Ag*2S2O478-*Ag*2S2O480-*Ag*2S2O482-*Ag*2S2O484-*Ag*2S2O486-*Ag*2S2O488-*Ag*2S2O490-*Ag*2S2O492-*Ag*2S2O494-*Ag*2S2O496-*Ag*2S2O498-*Ag*2S2O500-*Ag*2S2O502-*Ag*2S2O504-*Ag*2S2O506-*Ag*2S2O508-*Ag*2S2O510-*Ag*2S2O512-*Ag*2S2O514-*Ag*2S2O516-*Ag*2S2O518-*Ag*2S2O520-*Ag*2S2O522-*Ag*2S2O524-*Ag*2S2O526-*Ag*2S2O528-*Ag*2S2O530-*Ag*2S2O532-*Ag*2S2O534-*Ag*2S2O536-*Ag*2S2O538-*Ag*2S2O540-*Ag*2S2O542-*Ag*2S2O544-*Ag*2S2O546-

* 2 BETA-HYDROXY-XYR-5-O-ETHYL-GLUTARATE OR BETA-HYDROXY-XYR-5-O-ETHYL-METHYLEUTYRATE OR BETA-HYDROXY-XYR-5-O-ETHYL-METHYLEUTYRATE OR BETA-HYDROXY-XYR-5-O-ETHYL-METHYLEUTYRATE

11 FILE ABIOMIA
1 FILE ALIAPPI
1 FILE BIOBUSINESS

7 FILES SEARCHED...

4 FILE BIONIS

10 FILES SEARCHED...

1 FILE BIOTERMNO

12 FILES SEARCHED...

19 FILE CABA

1 FILE CANCERLIT

38 FILE CAPLUS

1 FILE CIN

1 FILE CONFSCI

19 FILES SEARCHED...

1 FILE DDFU

24 FILES SEARCHED...

1 FILE DRUGU

27 FILE EMBASE

32 FILES SEARCHED...

14 FILE EMBIOBASE

33 FILES SEARCHED...

3 FILE FEDRIP

9 FILE FROSTI

1 FILE FSTA

1 FILE IFIPAT

4 FILE LIFESCI

44 FILES SEARCHED...

26 FILE MERLINE

2 FILE PASCAL

50 FILES SEARCHED...

6 FILE PROMT

42 FILE SCISEARCH

4 FILE TOXCENTER

9 FILE USPATFULL

58 FILES SEARCHED...

10 FILE VETU

3 FILE WPIDS

62 FILES SEARCHED...

3 FILE WPINDEX

28 FILES HAVE ONE OR MORE ANSWERS, 63 FILES SEARCHED IN STINDEX

L1 QHE BETA-HYDROXY BETA-METHYLEUTYRATE OR BETA-HYDROXY BETA-METHYLEUTYRATE OR BETA-HYDROXY BETA-METHYLEUTYRATE OR BETA-HYDROXY BETA-METHYLEUTYRATE OR BETA-HYDROXY BETA-METHYLEUTYRATE

* 3 11 (5a) (5b) or weight (3a) (10a) or loss or losing or maint? or thinning or thinner)

6 FILES SEARCHED...

1 FILE BIOBUSINESS

10 FILES SEARCHED...

11 FILES SEARCHED...

13 FILES SEARCHED...

21 FILES SEARCHED...

31 FILES SEARCHED...

33 FILES SEARCHED...

41 FILES SEARCHED...

44 FILES SEARCHED...

50 FILES SEARCHED...

58 FILES SEARCHED...

62 FILES SEARCHED...

63 FILES SEARCHED...

28 FILES HAVE ONE OR MORE ANSWERS, 63 FILES SEARCHED IN STINDEX

* 3 11 (5a) (5b) or weight (3a) (10a) or loss or losing or maint? or thinning or thinner

[illegible]

1990年12月25日，在“九二”香港回归问题新闻发布会上，江泽民主席在回答中外记者提问时，第一次正式提出“一国两制”方针。

FILE NUMBER: 105-10-2000-2000-2000-2000-2000

This title contains CAS Registry Numbers for easy and accurate substance identification.

$$\frac{1}{2} \left(\frac{1}{2} + \frac{1}{2} \right) = \frac{1}{2}$$

```

13610 "BETA"
14349 "HYDROXY"
13610 "BETA"
      09 "METHYLEBUTYRATE"
      11 BETA-HYDROXY-BETA-METHYLEBUTYRATE
          ("BETA"(W)"HYDROXY"(W)"BETA"(W)"METHYLEBUTYRATE")
13196 BETA?
14349 HYDROXY?
13196 BETA?
      09 "METHYLEBUTYRATE"
      12 BETA? HYDROXY? BETA? METHYLEBUTYRATE
          ("BETA"(W)HYDROXY?(W)BETA?(W)"METHYLEBUTYRATE")
13610 "BETA"
14349 HYDROXY?
13610 "BETA"
      09 "METHYLEBUTYRATE"
      12 BETA-HYDROXY? BETA-METHYLEBUTYRATE
          ("BETA"(W)HYDROXY?(W)"BETA"(W)"METHYLEBUTYRATE")
13610 "BETA"
14349 "HYDROXY"
13610 "BETA"
      09 "METHYLEBUTYRATE"
      11 BETA-HYDROXY-BETA-METHYLEBUTYRATE
          ("BETA"(W)"HYDROXY"(W)"BETA"(W)"METHYLEBUTYRATE")
13552 OPES?
14119 WEIGHT
14376 LOST
14410 LOSS
      11 LOSING
13674 MAINT?
      041 THINNING
      079 THINNER

```

13 1 11 (PA) (PORN) OR WEI BEE (BA) (EAST OR EAST OR LIVING OR MARRY
OR THINNI) OR (THANN)

[illegible]
$$\begin{aligned} \frac{\partial}{\partial t} \left(\frac{1}{2} \rho \mathbf{u} \cdot \mathbf{u} \right) + \nabla \cdot \left(\frac{1}{2} \rho \mathbf{u} \otimes \mathbf{u} \right) &= \rho \mathbf{u} \cdot \nabla \mathbf{u} + \nabla \cdot \left(\frac{1}{2} \rho \mathbf{u} \otimes \mathbf{u} \right) \\ &= \rho \mathbf{u} \cdot \nabla \mathbf{u} + \nabla \cdot \left(\frac{1}{2} \rho \mathbf{u} \otimes \mathbf{u} \right) \\ &= \rho \mathbf{u} \cdot \nabla \mathbf{u} + \nabla \cdot \left(\frac{1}{2} \rho \mathbf{u} \otimes \mathbf{u} \right) \end{aligned}$$

